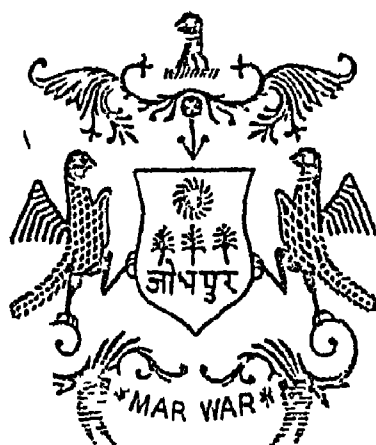


PROGRESSIVE REPORT.
OF
FOREST ADMINISTRATION
IN THE,



Jodhpur State Rajputana.

FOR THE YEAR 1901-1902.

BY

PANCHOLI LACHMAN DAS,

Superintendent of Forest Department

JODHPUR:

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REVIEW.

AREA.—There has been no alteration under the head of Forest Conservancy, while the fuel and fodder reserves had an addition of 4 square miles.

BOUNDARIES.—The work of the replacement of rubble masonry pillars by pucca ones progressed satisfactorily.

SURVEY AND WORKING PLANS.—The operations of the Desuri Forests regarding the felling of trees as sketched in the provisional working plan have been deferred pending the creation of a market for the fuel. Two depots were opened one at Sojat Road and the other at Marwar Junction and both of them are reported to be working well.

GENERAL PROTECTION AND BREACHES OF THE LAW.—The increase in the cases is ascribed to the partial scarcity then prevailing.

FOREST FIRES.—2,14,700 acres were attempted to be protected, out of which the percentage of the failure is quite inappreciable. The burning of main fire line between Meywar and Marwar stands abandoned for want of co-operation on the part of the Meywar authorities.

NATURAL REPRODUCTIONS.—The sowings sprouted well, as the rains in the beginning were sufficient but the subsequent drought stunted their growth.

ARTIFICIAL REPRODUCTION.—Babul and Nim were sown in pits and bamboo rhizomes planted along the ravines; but with no good results as the rains were partial.

YIELD AND WORKING.—The removal both of timber and fuel shows a satisfactory increase over the preceding year, owing to the comparatively improved condition of the market.

FINANCIAL RESULTS.—The finances show an improvement; as they give a surplus of 4,043 against 376 of the last year.

JODHPUR: }
dated 31st May 1903. }

RAO BHADUR PANDIT SUKHDEO PRASHAD, C.I.E.

Senior Member, *Mahkma Khas.*

PROGRESS REPORT
 OF
FOREST ADMINISTRATION
 IN THE
MARWAR STATE
 FOR
1901-1902.

INTRODUCTION.

1. The reservation of the Jaswantpura and Jalor forests had again to be deferred to some more favorable conditions presenting themselves.
2. Two new depots were started, one at Sojat Road and the other at Marwar Junction ; both gave good results, promising further improvement.
3. The surveying of the forests to 4 miles to an inch scale was continued.

CHAPTER I.

Areas and Boundaries.

4. There were no changes under Forest Conservancy and the area remained the same as last year ; the Fuel and Fodder Reserves had an addition of 4 square miles, the total area standing at close of year as below :—

Khalsa Forests ...	... 265·11 square miles.
Fuel and Fodder Reserves ...	11·70 „ „
Jagir Forests ...	... 70·37 „ „

5. The work of replacing dry rubble masonry pillars by *pucca* ones was continued and 148 pillars in Godwar and 30 in Sojat Range were constructed at a cost of Rs 224/15/0.

6. The kacha pillars were white-washed, renumbered and kept in good order.

CHAPTER II.

**Surveying, Working Plans, and
Plan of Operations.**

7. The surveying of the Sojat Range was, with the exception of about 10 square miles, completed.

8. The Desuri Provisional Working Plan did not work for want of market for the out-turn and it stands almost abandoned. Working Plans, although so very important to regulate fellings, can not well be attempted without a market for the produce and it is as important to create one before they are entered upon. The idea is being put into practice in Sojat Range, where special attention is being given to the establishment of a number of sale depots with the two-fold objects of :—

(1) bringing the produce within a convenient reach of the public, increasing thereby its sale.

(2) diminishing as much as possible the chances of the purchaser being let loose in the forests.

9. A plan of operations was as usual prepared and acted upto.

CHAPTER III.

General protection and Breaches of the Law.

10. The criminal tribes and the Grassias, as a whole, remained pretty quiet.

11. 19 cases were sent to Hakumat and 19 pending from the last year brought the total to 38 cases involving 50 persons. Of them 33 cases were disposed of, involving 43 persons. Convictions were obtained in 16 cases involving 21 men. Of the above the Honorary court of Raipur tried 8 cases. 666 cases were compounded departmentally, as against 225 last year. Last year was a year of plenty and the forests were not, so far as grass and other minor produce go, much drawn upon.

12. The following table shows the result of the 2 years.

RANGE.			CASES COMPOUNDED.					Average per case.			Average per person.			Remarks.
			Number of cases.	Number of persons.	Amount.									
Sewari	...	...	93	168	183	12	3	1	15	6	1	1	5	
Desuri	...	...	40	596	1,097	...	9	27	6	10	1	10	9	
Sojat	...	...	95	128	95	14	6	1	...	2	...	12	...	
Siwana	...	...	72	106	72	10	6	1	...	2	...	11	...	
Parbatsar	...	...	30	40	4	14	6	...	2	7	...	1	11	
Pali	...	...	...	...	...	...	...	...	...	...	...	...	...
Raipur	...	...	336	368	626	...	6	1	13	9	1	11	2	
Ghanerao	...	...	...	...	...	...	...	...	...	...	...	...	...
Total			...	666	1,406	2,080	5	...	3	2	...	1	7	8
1900-1901.			...	225	438	954	8	9	4	3	11	2	2	10

Grass and Grazing.

13. As usual the forests remained closed to camels, sheep and goats throughout the year. The rains closed early and the horned cattle had to be admitted before the usual time.

14. The restrictions to cut and collect grass, given up last year, owing to sickness &c., were again put on and no free grass cutting was allowed beyond the limited time.

15. The following statement shows the number of Cattle grazed in the forests:—

RANGE.	CATTLE.				Remarks.
	Right holders.	Out siders.	Free.	Total.	
Sewari ...	494	.....	.....	494	
Desuri ...	102	146	.....	248	
Sojat ...	400	400	.....	800	
Siwana ...	2,354	99	.....	2,453	
Parbatsar ...	1,811	5	.....	1,816	
Raipur ...	2,491	51	.....	2,542	
Ghanerao ...	420	6	.....	426	
Total ...	8,072	307	.....	8,379	
1900-1901.	7,555	58	.....	7,613	

16. 7089 cattle were impounded against 3548 last year; the scarcity of grass outside the forests accounts for the increase.

RANGE.	DESCRIPTION OF CATTLE.				Total.	Remarks.
	Cows	Buffalows	Sheep and Goats.	Other kind.		
Desuri ...	3	.....	458	1	462	
Sojat ...	14	.....	208	27	249	
Siwana ...	233	17	5,233	59	5,542	
Parbatsar ...	115	1	517	3	636	
Raipur ...	46	5	148	1	200	
Total ...	411	23	6,564	91	7,089	
1900-01.	76	12	3,405	55	3,548	

Forest Fires.

17. The protection of the forests against fire was successful to a desirable extent. There were 9 fires burning in all 748 acres, from a fire protected area of 2,14,700 acres, giving a percentage of 31. The fires occurred in Bhimana (50 acres), Desuri (2 acres), Bijapur (140 acres), Kot (324 acres), Rajpura (40 acres), and Raipur (192 acres). The cost of protection came to Rs. 290/4/- or Re. 1/- per mile.

18. The work of cutting trees from the main fire line between Meywar and Marwar stands abandoned, for want of co-operation on part of Meywar authorities.

Natural Reproduction.

19. It was unsatisfactory.

The rains were alright to begin with and a good crop of seedlings of Kher, Dhau, Salar &c. came up, but they could not hold against the following drought and died away.

20. The following table will show the results of the areas coppiced previously:—

21. Godhwar Range.

			L.	G.
Sadhri	{	Kantia Dhau.	... 9'-2"	3.2"
		Khair.	... 14'	6.8"
		Kuntia.	... 10'-4"	3"
Behra	{	Dhau.	... 14'-5"	5.2"
		Khair.	... 13'-1"	4.2"
		Siris.	... 15'-6"	4.4"
		Gol.	... 22'-4"	1.3"

22. Sojat Range.

Gudha Dhamawanta	{	Kantia Dhau.	... 11'-	9"
		Bor	... 10'	8"
		Kuntia	... 9'-	7½"

Artificial Sowing.

23. *Godhwar Range.*—3,439 pits in Mandigar and 2,231 in Seotalao were sown with Babool and Nim, and Rs. 5/8/ spent over the operation.

24. 3,000 bamboo rhizomes were planted out in Nana and Behra forests along the ravines for Rs. 3/12/. They had all to begin with a good start, the bamboos as well as babool, but the subsequent drought undid it.

25. The nursery at Sewari was abandoned, the idea to plant the Erinpura Cantonment Road with Nim trees being given up. The mango nursery in Sadri Garden was also made over to the contractor whom the garden had been ceded.

26. Seeds of sorts were sown broad-cast in blanks in Sojat and Siwana Ranges through Forest guards. They did not yield any good results for want of rains.

Roads and Buildings.

(1) ROADS.

27. *Sicana Range*.—A bridle path in Bhagwan forests was repaired for Rs. 20/11/6 and another undertaken in Siwana forests, which remained unfinished till close of the year.

28. *Godhwar Range*.—No new roads were laid out; the existing ones only were repaired for Rs. 5/8/.

(2) BUILDINGS.

29. *Godhwar Range*.—The existing chowkies were repaired for Rs. 81/4/ and no new houses built.

30. *Desuri Range*.—No new houses were built. Old ones were repaired for Rs. 32/.

31. *Sojat Range*.—The Chowki at Kantaha was finished and that at Shiriari further extended costing Rs. 100/.

(32.) *Sirana Range*.—Forest chowkis at Kundal, Mokalsar and Siwana were completed and Rs 131/ spent on them.

CHAPTER IV.**Yield and Working.**

(33.) The out-turn of timber and fuel expressed in cubic feet compared with that of the previous year as follows:—

Description.	TIMBER.		FUEL.		Remarks
	1900-1901.	1901-1902	1900-1901.	1901-02.	
Removed by Raj Agency ...	804	831	1,42,372	4,800	
" " Purchasers ...	4,050	8,756	66,124	86,118	
" " Right-holders.	2,455	6,426	1,25,677	1,54,508	
" " Free grants...	...	...	...	...
Total ...	7,309	16,012	3,34,173	2,45,516	
Raipur ...	783	1,405	19,713	96,893	
Ghanerao ...	1,894	1,039	3,360	16,600	
Grand total ...	9,986	18,456	3,57,246	3,59,009	

(34.) The comparative value of minor produce removed during the year under report and that of the previous one is as follows:—

Description	VALUE.		Remarks.
	1900-1901	1901-1902	
Removed by Raj Agency ... ..	...	1,206	
„ „ Purchasers	1,185	1,948	
„ „ Right-holders	6,267	3,935	
„ „ Free grants ... ..	...	...
Total	7,452	7,089	
Raipur	505	476	
Ghanerao	188	238	
Grand Total	8,145	7,803	

(35.) This year was, although in itself bad enough, a decided improvement upon the preceding 2 years of famine and sickness and both the purchasers and right-holders removed a larger amount of timber and fuel than they did last year, although the normal figures have yet to be reached. The removal of minor produce has also in the same way improved.

I Departmental Operations.

(36.) The outturn of timber removed was the same as last year, 831 as against 804 cubic feet. That of fuel fell heavily, coming to 4,800 against 1,42,372 cubic feet. It is so from the fact that the fuel that was collected in the last 2 years for famine camps remained in hand and it was not necessary to cut any afresh till the former could be sold away.

(37.) 345 maunds of charcoal were prepared and sent mostly to Jodhpur Depot for sale.

(38.) 10,156 bamboos were cut departmentally with a view mainly to lend relief to the grassias.

(39.) 4,405 maunds of grass were cut for supplying the Sardar Rasala.

II Removal by Purchasers.

(40.) The removal of timber, as stated above, has improved from 4,050 cubic feet last year to 8,755 this year; although it must expand yet further to reach the average. Similarly the removal of fuel rose to 86,118 cubic feet as against 66,124 cubic feet last year.

(41.) 1,04,721 bamboos were removed as against 4,223 last year, showing a quite desirable increase.

(42) Rs. 443 were realized from grass and grazing as against Rs. 21/- last year.

(43.) The sale of minor produce brought in Rs. 889/- against 1,134 last year.

III Free grants and Removal by Right-holders.

(a.) Timber.

(44.)	A class free of charge ...	...	354	cubit feet.
	B. & C. classes at reduced rates ...	...	6,072	"
	Total ...	...	<u>6,426</u>	"

(b.) Firewood.

(45.)	A. & B. classes free of charge ...	...	1,14,679
	C. class at reduced rates ...	...	39,919
	Total ...	...	<u>1,54,598</u>

(c.) Bamboos.

(46.)	A. class free of charge ...	...	...
	B. & C. classes at reduced rates ...	...	500
	Total ...	...	<u>500</u>

(d.) Grass and Grazing.

I.—GRASS.

(47.)	A. & B. classes free of charge ...	...	1,05,135
	C. class at reduced rates ...	...	778
	Total ...	...	<u>1,05,913</u>

II.—GRAZING.

(48.)	A. class free of charge ...	...	2,354
	B & C classes at reduced rates ...	...	2,807
	Total ...	...	<u>5,161</u>

(Exclusive of Raipur and Ghanerao).

(c) Mohya and kamri.

49.	A class free of charge...	...	3,884	Head loads.
	B and C classes at reduced rates ...	...	...	"
	Total ...	...	<u>3,884</u>	"

CHAPTER V.

Financial Results.

50. The actual revenue amounted to Rs. 22,182/ against Rs 19,698/ last year and Rs 13,754/ the year before.

51. The expenditure came to Rs 18,139.

52. The receipts and charges of the last 3 years compare as follows:—

Particulars.	1899-1900.	1900-1901.	1901-1902.	Remarks.
Receipts	13,754	19,698	22,182	
Charges	19,042	19,322	18,139	
Deficit	5,288	...	...
Surplus ... ..	...	376	4,043	

53. It would be observed that the finances of the Department are, after an abnormal ebb in 1899-1900, fast rallying round to their normal state, giving a surplus of—Rs 5,288 + 376 and + 4,043, as shown in the table above.

54. The financial results of the Jagir forests stand as follows:—

		1900-1901.	1901-1902.
Raipur:—			
Receipts ... ..	...	3,884-0-0	1,965-0-0
Charges ... ..	...	1,346-0-0	1,893-0-0
Surplus ... ..	...	2,558-0-0	72-0-0
Ghanerao:—			
Receipts ... ..	...	373-0-0	388-0-0
Charges ... ..	...	334-0-0	309-0-0
Surplus ... ..	...	39-0-0	79-0-0
Bar:—			
Receipts ... ..	...	30-0-0	282-0-0
Charges ... ..	...	32-0-0	33-0-0
Surplus ... ..	...	...	249-0-0
Deficit ... ..	...	2-0-0	...
Barantia:—			
Receipts ... ..	...	...	23-0-0
Charges ... ..	...	60-0-0	61-0-0
Deficit ... ..	...	60-0-0	38-0-0
Babra:—			
Receipts ... ..	...	...	9-0-0
Charges ... ..	...	60-0-0	60-0-0
Deficit ... ..	...	60-0-0	51-0-0
Somel:—			
Receipts ... ..	...	101-0-0	176-0-0
Charges ... ..	...	48-0-0	60-0-0
Surplus ... ..	...	53-0-0	116-0-0

CHAPTER VI.**Village Fuel and Fodder Reserves.**

55. An addition of 4 square miles was made under this head and a reserve started at Pali. The following is the distribution of the area.

Name.	Area in Bighas.
Bhambolai	1,800
Sampa	554
Sowania	437
Deoli	1,400
Udesi Kua	1,329
Khamal	295
Sadawas	78½
Bomadra	464½
Miniari	1,303
Bala	1,136
Hemliawas	150
Barsan	100
Gudha Bishnoyan	1,000
Pali	6,400

56. Babul and Dhau were sown at Hemliawas, Barsan and Udesi Kua reserves, but with no great success, the rains ceasing rather too early.

57. At Bhambolai and other reserves a miscellany of species were sown, with however no better results than in other forests, Nawagaon only being an exception, where the plants could, more or less, thanks to the subsoil moisture, resist the drought. It is recommended that areas situate similarly below Bands, should be sown with Babul.

58. The revenue and expenditure under this head stand as below:—

Revenue	Rs. 18-4-0
Expenditure	„ 674-8-7

CHAPTER VII.**Arboriculture.**

59. No new plantations or roads were taken in hand.

60. 835 plants were utilised in filling in gaps in roads and plantations Nos. 8 and 9 ; of them Chopasni received 335 and Ratanada 104; the repairs in other roads and areas being too few to claim mention severally.

61. Of the plants at Durbar's Bungalow, Jaman succeeded best in the ground behind the Bungalow; while the plantations could grow Nim and Siris only. There were 4,679 plants as the year closed as under:—

		No
Plantation Nos. 8 and 9	...	2,657
Behind the Bungalow	...	1,388
Polo ground	...	169
Race Course	...	342
Stables	...	123
Total	...	4,679

(62) The nurseries at Plantations Nos. 7 and 8 as also those at Chopasni, Balsamand and Ratanada, were maintained. They had 4,268 plants, of which 2,060 were Nim, 50 Shisham, 1,450 Siris, 150 mangoes, 125 Jaman and some others.

(63) Plantation Nos. 1 and 7 as also Nos. 1 and 2 at Balsamand and those at Chitar, were looked after. They had no planting done in them

(64) 21,309 plants received no watering while 10,715 did.

(65) The revenue from arboriculture came to Rs. 427-5-6 while the expenditure amounted to Rs. 9,544-13-9 as under :—

	Rs.	a.	p.
Protective Establishment	...	1,033	4 0
Office	...	172	13 0
Watering	...	2,387	6 9
Malies	...	1,878	12 9
Working of wells	...	1,385	0 0
Feed and keep of bullocks	...	1,636	8 4
Nurseries and Plantings	...	86	0 6
Fencing	...	689	0 3
Tools	...	5	12 0
Miscellaneous	...	270	4 2
Total	...	9,544	13 9

CHAPTER VIII.

Gardens.

(66) The Residency and other Bungalow gardens were looked after and kept up.

(67) At Ratanada 104 new plants were put out to fill in gaps.

(68) A part of Nanemian's garden was let out for Rs. 84. The rains were partial and the contractor could not grow a crop and left away.

(69) The Desuri gardens were looked after and kept up. The wells that supply water to the gardens fail often to hold out, sadly interfering with the up-keep of the vegetation there.

(70) The Sadri Band garden was let out for Rs. 111 and continued to be looked after by the Ranger. It has a collection of fine graft mangoes, while the position of the garden yields itself excellently well to their growth, and the extension of these graft mangoes had well be insisted upon.

(71) The financial results of the gardens were as under :—

			Rs.	a	p.
Revenue ...	...	...	444	8	6
Expenditure ...	...	...	3,016	3	11

CHAPTER IX.

General.

(72) 2 Jamait Sowars of Kot and 2 of Rohat and Baroo remained with the Department. The Hakumat or the Bakhshi Jagir sent in no Sowar, and mercenary ones continued to be employed instead.

(73) Forest Ranger Gokal Chand held charge of Sewari Range and gave satisfaction.

(74) Forest Ranger Rakhesur remained in charge of Desuri Range giving satisfaction.

(75) Forest Ranger Chaterbhuj held charge of Sojat Range, supervising the survey work and pushing forward the establishment of Depots with satisfaction.

(76) Forest Ranger Daulat Ram remained in charge of Siwana Range, while Jagan Nath held change of Raipur, giving satisfaction.

(77) The office establishment worked satisfactorily, the Head Clerk Dasu Ram and the Reader, Munshi Roop Narain claiming special mention.

(79) The following forms are hereto attached :—

Form	...	...	...	No.	49
"	...	...	...	"	50
"	...	...	...	"	51
"	...	...	...	"	54
"	...	...	...	"	55
"	...	...	...	"	56
"	...	...	...	"	58
"	...	...	...	"	59
"	...	...	...	"	60
"	...	...	...	"	61
"	...	...	...	"	62

ANNUAL FORM NO. 49.

Forest Department Marwar state. Area of Forests for 1901-1902.

State.	Range.	AREA ON 1st APRIL 1901.		Added during the year.	Excluded or transferred to other heads.	AREA ON 1st APRIL 1902.		Number and date of Kafiat of addition and transfer.	Remarks.
		Acres.	Equivalent in square miles.			Acres.	Equivalent in square miles.		
Khalsa	Godhwar	1,24,230	194.11	1,24,230	194.11	Besides these 11.75 square miles are reserved as Fuel and Fodder Reserves.
	Sojat	41,600	65	...	...	41,600	65	.....
	Siwana	3,840	6	...	...	3,840	6	.....
Jagir	Raipur	8,320	13	...	...	8,320	13	.....
	Ghanerao	3,277	5.12	...	...	3,277	5.12	.....
	Bar	480	.75	...	...	480	.75	.....
	Barantia	960	1.50	...	...	960	1.50	.....
	Babra	960	1.50	...	...	960	1.50	.....
	Somel	1,920	3	...	...	1,920	3	.....
	Pi, Basi, Banwal, Mayapur, Kalyatra, and Bidia	7,360	11.50	...	...	7,360	11.50	.....
	Mokalsar, Ramnia, Mewri, Gangrot, Golia, Piploon, Gudhanal, Sener Kundal, Sela Janpur, Mangi, Dhiran Telwara, and Bhagwan.	21,760	34	...	...	21,760	34	.....
	Total	2,14,707	335.48	...	...	2,14,707	335.48	.....

ANNUAL FORM No. 50.*Forest Department Marwar State. Register of Breaches of Forest Rules during 1901—1902.*

Forest Range and Civil Pargana.	NEW CASES OF THE YEAR.						DISPOSED OF DURING THE YEAR.						REMARKS		
	Cases pending from 1900-1901.	Injury of Forests by fire.	Unauthorized felling or ap-propriation of wood & minor produce.	Grazing with-out permission or in tracts in which grazing is prohibited.	Other offences.	Total new cases during the year.	CONVICTIONS.		ACQUIT-TALS.		TOTAL.			Cases pending at close of the year.	
							Cases.	Persons.	Cases.	Persons.	Cases.	Persons.			Cases.	Persons.
A.—Cases tried by Magistrates :—															
Godhwar { Sewari ...	6	...	2	.....	3	5	11	7	12	3	3	3	10	15	1
Desuri ...	11	...	3	.....	2	6	17	3	3	11	11	14	14	14	3
Sojat ...	...	...	.....	.....	...	...	...	...	...	...	...	...	...	...	...
Sivana ...	...	...	.....	.....	...	...	...	...	...	...	...	...	...	...	...
Parbatsar ...	...	...	.....	.....	...	...	...	...	...	...	...	...	...	...	...
Raipur ...	2	1	7	.....	...	8	10	6	0	3	3	9	...	9	1
Ghanerao ...	...	...	.....	.....	...	...	...	...	...	...	...	...	...	...	...
Total ...	19	1	12	1	5	19	38	16	21	17	17	33	38	38	5
B.—Cases Compounded by Forest Officials:—															
Godhwar { Sewari ...	...	...	25	10	58	93	93	93	108	...	...	93	108	108	...
Desuri ...	...	2	15	6	17	40	40	40	496	...	...	40	496	496	...
Sojat ...	...	...	82	6	7	95	95	95	128	...	...	95	128	128	...
Sivana ...	...	...	34	4	34	72	72	72	100	...	...	72	100	100	...
Parbatsar ...	...	...	25	.....	5	30	30	30	40	...	...	30	40	40	...
Raipur ...	...	...	42	.....	294	336	336	336	368	...	...	336	368	368	...
Ghanerao ...	...	...	.....	.....	...	...	...	...	...	...	...	...	...	...	...
Total ...	...	2	223	26	415	666	666	666	1,406	...	...	666	1,406	1,406	...
Grand Total ...	19	3	235	27	420	686	704	682	1,427	...	...	686	1,441	1,441	5

ANNUAL FORM NO. 51.*Area of Forest Tracts protected from Fire during the dry Season 1901-1902.*

Range.	Forest Tracts.	Year in which protection commenced.	Area actually protected up to 15th June 1901.	During dry season of 1902.			Cost during the season.	REMARKS.
				Area attempted to be protected.	Failures.	Actually protected.		
KHALSA. { Godhwar Sojat Siwana	Sewari	1891	1,13,590	1,13,000	230	1,13,370	159 2 0	
	Desuri-	"	10,580	10,630	326	10,304	70 2 6	
	Kantalia	"	41,000	41,600	...	41,600	25 0 0	
	Siwana	1898	3,840	3,840	...	3,840	10 15 9	
	Total	...	1,09,610	1,09,670	556	1,09,114	265 4 3	
Raipur	Raipur	1894	8,320	8,320	192	8,128	19 0 0	
	Ghanerao	1895	3,277	3,277	...	3,277	...	
	Bar, Barantia Babra and Somel	1896	4,160	4,320	...	4,320	...	
	Pi, Basi, Banwal, Mayapur, Kal-yatra and Bidlad.	1897	7,360	7,360	...	7,360	...	
	Mokalsar, Ramania, M e w r i, Gungrot, Gudhannal, Sener, Golis, Piploon, Kandal, Sela, Jaupur, Mangi, Dhiran, Telwara, and Bhagwan.	1898	21,760	21,760	...	21,760	6 0 0	
	Grand Total	...	2,14,487	2,14,707	748	2,13,959	290 4 3	

ANNUAL FORM No. 54.

Forest Department Marwar State. Outturn (in cubic feet solid) of Timber and Fuel during the year 1901-1902 and agency of exploitation.

RANGE.	TIMBER IN THE ROUGH LOGS.				TIMBER IN THE ROUGH POLES.				SAWN OR SQUARED TIMBER.				MISCELLANEOUS.				FUEL.				Total.
	Agency.	Purchasers.	Free grants.	Right holders.	Total.	Agency.	Purchasers.	Free grants.	Right holders.	Total.	Agency.	Purchasers.	Free grants.	Right holders.	Total.	Agency.	Purchasers.	Free grants.	Right holders.	Total.	
Godhwar ... { Sewari ... Desuri ... Sojat ... Siwani ... Purbatsar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Total ...	831	8,755	...	0,420	10,012	...	...	...	...	...	4,800	86,118	...	1,54,598	2,45,510	...	...	...	...	...	2,61,528
Raipur ...	49	275	...	1,081	1,405	...	...	...	...	...	11,744	40,649	...	4,500	96,893	...	...	...	...	...	98,208
Ghanerao ...	...	32	...	1,007	1,039	...	...	...	...	...	...	...	...	10,600	16,000	...	...	...	...	...	17,639
Total ...	49	307	...	2,088	2,444	...	...	...	...	...	11,744	40,619	...	21,100	1,18,493	...	...	...	...	...	1,13,937
Grand Total ...	880	9,062	...	8,514	18,456	...	...	...	...	...	16,544	1,26,767	...	1,75,698	3,59,009	...	...	...	...	...	3,77,465

ANNUAL FORM NO. 55.—Continued.

Forest Department Marwar State. Outturn of minor produce during the year 1901-1902.

Range.	Description of produce.	RAJ AGENCY.		PURCHASERS.		FREE GRANTS.		RIGHT HOLDERS.		TOTAL.		REMARKS.
		Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	
	Brought forward ..	..	..	..	..	..	..	..	..	..	..
SOJAT	Bamboos	..	..	57	2	..	..	..	..	57	2	
	Grass (Head loads)	..	..	601	5	..	..	576	8	1,077	13	
	Do. (carts)	..	..	10	3	..	..	..	..	10	3	
	Grazing cattle	..	..	..	..	..	..	400	57	400	57	
	Kamri (Head loads)	..	..	300	26	..	..	1,075	151	1,975	180	
SIWANA	Mangoes	..	..	..	19	..	..	..	..	..	19	
	Era leaves (Head loads)	..	..	..	..	..	..	..	..	..	..
	Miscellaneous	..	..	578	39	..	..	..	..	578	39	
PANDATSAR...	Grass (Head loads)	..	..	2,329	16	..	..	98,500	1,382	1,00,820	1,398	
	Do. (carts)	..	..	4	1	..	..	1,370	342	1,374	343	
	Pala (do.)	..	..	2	1	..	..	44	22	46	23	
	Do. (Head loads)	..	..	106	7	..	..	..	..	106	7	
	Grazing cattle	..	..	99	21	..	..	2,354	1,005	2,453	1,026	
PANDATSAR...	Grass (Head loads)	..	..	54	2	..	..	80	1	114	3	
	Do. (carts)	..	..	16	0	..	..	..	..	16	6	
	Grazing cattle	..	..	6	2	..	..	1,811	172	1,816	174	
	Miscellaneous	..	..	128	8	..	..	..	..	128	8	
	Total ..	14,841	1,206	1,16,280	1,948	..	..	1,18,066	3,035	2,50,087	7,089	

[illegible]

<i>Desuri Range (Continued.)</i>		958		<i>Desuri Range.</i>		19	
Thobli ...	7	...	...	Kani ...	...	7	.....
Kani ...	12	...	...	Balewan ...	...	5	...
Peel ...	189	...	...	Thobli ...	...	7	...
Dengar ...	120	...	...		
Mayal ...	23	...	...	<i>Sojat Range.</i>			
Hal ...	2	...	...	I Sojat depot—			
Balewan ...	3	...	...	Dingar	...	1,227	
Jhekar ...	52	...	...	Kasidanda	...	69	
Beola ...	4	...	...	Ins ...	...	28	
Kank ...	2	...	...	Golia ...	...	450	
				Axe handle	...	38	
<i>Sojat Range.</i>				Pirani ...	...	44	
I Sarau depot—				Upla ...	...	37	
Thaleti ...	2	...	...	Beola ...	...	4	
Golia ...	105	...	...	Paga ...	...	1	
Chokani danda	10	...	...	Lathia ...	...	10	
Ins ...	20	...	...	Beoli ...	...	3	
Latha Ins	159	...	...	Chokani danda	...	18	
Upla ...	129	...	...		
Kasi danda	206	...	...	II. Sarau depot			
Dingar ...	50	...	...	Singri ...	...	1,614	
Beola ...	7	...	...	Beola ...	...	2	
Musal ...	2	...	...	Golia ...	...	19	
Lathia ...	3	...	...	Chokani danda	...	6	
Dingar ...	1,580	...	...	Lathia ...	...	2	
Beola ...	13	...	...	Musal ...	...	1	
Pat ...	12	...	...	Kasi danda	...	18	
Perni ...	129	...	...	Pirani ...	...	2	
Peel ...	313	...	...	Pat ...	...	4	
<i>Sojat depot.</i>				Danda ...	...	352	
Dingar ...	612	...	...	Thobli ...	...	16	
Kasi danda	146	...	...	Patia ...	...	7	
Ins ...	46	...	...	Mayal ...	...	1	
Golia ...	415	...	...	Axe handle	...	23	
Beola ...	35	...	...	Upla ...	...	6	
Perni ...	153	...	...	III. Gudha Dhamtan	...		
Upla ...	83	...	...	Babul log	...	1	
Paga ...	49	...	...	<i>Puli Range.</i>			
Lathia ...	26	...	...	Puli depot.	...		
Beoli ...	24	...	...	Kani ...	...	15	4,025

ANNUAL FORM No. 56--Continued.

Forest Department Marwar State. Account of timber and other produce cut or collected by Raj agency and brought to sale Depots or sold locally during the year 1901-1902.

Particulars.	No. or quantity.	Cubic feet.	TOTAL OF EACH HEAD.	
			No. or quantity.	Cubic feet.
Behra depot	6			
Ins ...	20		Danda Chokani ...	50
Paga ...	2		Total ...	2,093
Upla ...	2		Total disposal ...	2,318
Hai ...	1		Balance at close of the year:--	7,477
Kathri ...	10			
Naua depot	220			
Bulli ...	3			
Feed ...	1			
Hai ...	1,750			
Singri ...	1			
<i>Sawari Range.</i>				
Saran depot.		661		
Dingar ...	1			
Upla ...	4			
Kasi danda	8			
Paga ...	40			
Musal ...	1			
Ins ...	201			
Habul log	50			
Golin ...	631			
Chokani danda	19			
Dandas ...	2			
Thobli ...				
Maynl ...				

[illegible]

II. Cross receipts.

Transferred from other depot.	...
Sarn depot.	...
Kasi danda	...
Axe handle	...
Sojat Depot.	...
Dingar	...
Kasi danda	...
Ins	...
Upla	...
Paga	...
Musal	...
Peed	...
Golia	...
Chokani Danda	...
Sojat Road depot.	...
Golin	...
Dingar	...
Danda	...

ANNUAL FORM NO. 56. (continued.)

Forest Department Marwar State. Account of timber and other produce cut or collected by Raj agency and brought to sale Depot or sold locally during the year 1901-1902.

Particulars.	No. or quantity.	Cubic feet.	TOTAL OF EACH HEAD.		Particulars.	No. or quantity.	Cubic feet.	TOTAL OF EACH HEAD.	
			No. or quantity.	Cubic feet.				No. or quantity.	Cubic feet.
Pali Depot, Peed	220		Hal ...	...	...	...	...
...			Thekar ...	...	...	...	...
Total cross receipts	2,313		Beola ...	...	...	...	...
					Bank ...	...	...	...	...
Total Receipts	6,085		Sejat Range.	...	...	607	...
Grand total	15,394		Saran depot.	...	...
					Theleti ...	...	...	...	...
					Gola ...	...	...	...	...
					Chokani danda	...	...	...	...
					Ins ...	...	...	...	...
					Lathia ...	...	...	...	...
					Upla ...	...	...	...	...
					Axe handle	...	...	...	...
					Dingar ...	...	...	...	...
					Beola ...	...	...	...	...
					Kasi danda	...	...	...	...
					Pat ...	...	...	...	...
					Pirani ...	...	...	...	...
					Peed ...	...	...	...	...
					Babul log	...	...	...	...
					Danda ...	...	...	...	...
					Thobli ...	...	...	...	...
					Kani ...	...	...	...	...
					Dingar ...	...	...	...	...

ANNUAL FORM NO. 56. (continued.)

Forest Department Marwar State. Account of timber and other produce cut and collected by Raj Agency and brought to sale depot or sold locally during the year 1901-1902.

Particulars.	No. or quantity.	Cubic feet.	TOTAL OF EACH HEAD.		Particulars.	No. or quantity.	Cubic feet.	TOTAL OF EACH HEAD.	
			No. or quantity.	Cubic feet.				No. or quantity.	Cubic feet.
					<i>Pali depot</i>				
					Thaker ...	81			
					Pat ...	134			
					Lathning ...	8			
					Ins I & II ...	120			
					Paga ...	87			
					Dinger ...	104			
					Upla ...	23			
					Hal ...	2			
					Patia silar ...	20			
					Babwan ...	1			
					Thobli ...	19			
					Mayal ...	5			
					Kani ...	210			
					Ecola ...	8			
					Danda ...	995			
					Musal ...	6			
					Golia ...	41			
					Pagi ...	35			
					Singri ...	310			
					Bunk ...	8			
					Peet ...	211		2,490	
					<i>Jodhpur Range.</i>				
					Jodhpur depot.				
					Lath Rohan	10		10	
					Total balance ...			7,007	
					Grand Total ...			15,381	

ANNUAL FORM NO. 56.—Continued.

Forest Department Marwar State. Account of timber and other produce cut and collected by Raj Agency and brought to Sale Depot or sold locally during 1901-1902.

Particulars.	No. or quantity.	Cubic feet.	TOTAL OF EACH HEAD.		Particulars.	No. or quantity.	Cubic feet.	TOTAL OF EACH HEAD.	
			No. or quantity.	Cubic feet.				No. or quantity.	Cubic feet.
Balance at commencement of the year. ... Jodhpur Range Mds.	40		40		CHAR COAL. DISPOSAL. I. True disposal. Sold locally.				
Total ...			40		Sojat (Mds) ... Removed by purchasers from Depot. ... Jodhpur (Mds) ...	23 88		23 88	
RECEIPTS. True receipts. Received during the year by converting firewood.					Total .			111	
Sewari (Mds.) ...	300		300		Total true disposal ...			111	
Sojat (do) ...	1,096		1,096		II Cross disposal			173	
Sivana (do) ...	45		45		Sewari (Mds) ... Sewana (do) ...	173 33		33	
Total ...			1,441		Total cross disposal ...			206	
II Cross receipts.					Total disposal ...			317	
Transferred from other Depot.					Balance at close of the year. Sewari (Mds) ... Sojat (do.) ...	165 1,073		165 1,073	

Jodhpur (Mds)	...	206	...	...	12	120
	Total	...	...	...	...	...
	Grand total	...	...	...	1,370	1,370
		...	...	...	1,687	1,687
BAMB OOS.						
Balance at commencement of the year.		958				
Sewari ...	...	2,572				
Desuri ...	...	25,777				
Pali ...	...	21,054				
Jodhpur ...	...	50,361				
	Total balance.	...			3,109	218
		...			904	904
RECEIPTS.						
I. True receipts.						
Received from forest during the year						
ent departmentally.						
Sewari ...	...	10,156				
Confiscations Sewari	...	340				
	Total	...			5,000	5,000
II. Cross receipts.						
Transferred from other depot.						
Sojat Range	...	5,000				
	Total receipts	...			0,454	2,354
	Grand total	...			5,000	5,000
		...			22,668	20,090
		...			56,566	65,857
	Grand Total	...			65,857	65,857
BAMB OOS.						
DISPOSALS.						
I. True disposal.						
Removed by purchasers from depot.						
Pali ...	...				3,109	218
Desuri ...	...				904	904
Jodhpur ...	...				
	Total true disposal	...			4,291	4,291
II. Cross disposal.						
Transferred to other depots.						
Sewari ...	...				5,000	5,000
	Total cross disposal	...			5,000	5,000
	Total disposals.	...			9,291	9,291
Balance at close of the year.						
Sewari ...	...				0,454	2,354
Desuri ...	...				5,000	5,000
Sojat ...	...				22,668	20,090
Pali ...	...				
Jodhpur...	...					
	Total balance	...			56,566	65,857
	Grand Total	...			65,857	65,857

ANNUAL FORM NO. 56—Concluded.

Forest Department Marwar State. Account of timber and other produce cut and collected by Raj Agency and brought to Sale Depot or sold locally during 1901-1902.

Particulars.	No. or Quantity.	Cubic feet.	TOTAL OF EACH HEAD.		Particulars.	No. or Quantity.	Cubic feet.	TOTAL OF EACH HEAD.	
			No. or Quantity.	Cubic feet.				No. or Quantity.	Cubic feet.
MINOR PRODUCE.									
DISPOSALS.									
Balance at commencement of the year.					<i>Sold locally Sewari Range.</i>	92		92	
RECEIPTS.					Mohoya (Hdls) ...	...		
<i>Sewari Range.</i>					Disposal Total ...	...		
Grass (Hds.) ...	4,405		4,685		Balance at close of the year.	...			
Mohoya Head loads ...	280				<i>Sewari Range.</i>	...			
Total ...			4,685		Grass (Hds) ...	4,405			
					Mohoya Head loads...	188		4,593	
					Total ...	...		4,593	
					Grand total ...	...		4,685	

ANNUAL FORM NO. 58.

Forest Department Marwar State. Summary of Revenue of Marwar Forests during 1901-1902.

Budget Heads.	Direction.	Sewari.	Desuri.	Sojat.	Siwana.	Parbatsar.	Pali.	Jodhpur Sub-Range.	Total.	Remarks.
(I).—Timber and other produce removed from the Forests by Raj Agency—										
(a) Timber	117 9 6	68 15 6	11 4 0	219 15 6	...	...	35 6 0	...	453 6 6	
(b) Firewood and charcoal	4,851 1 10	24 12 0	19 0 0	14 12 0	...	...	235 2 0	...	5,209 3 10	
(c) Bamboos	234 7 0	18 4 0	5 8 0	...	...	...	59 8 0	...	369 13 0	
(d) Grass and other minor produce	915 3	23 1 0	...	3 8 0	...	...	...	...	36 8 3	
(II).—Timber and produce removed from the Forests by purchasers consumers—										
(a) Timber	4,900 12 0	2,696 11 0	502 0 3	1,540 8 6	...	215 0	...	...	9,612 14 9	
(b) Firewood and charcoal	...	717 8 0	53 13 0	198 9 0	94 6 3	84 12 6	...	...	1,149 0 0	
(c) Bamboos	...	912 9 0	77 13 0	112 6	...	...	...	...	992 2 6	
(d) Grazing and Fodder grass	...	485 7 0	148 0 6	74 2 3	47 14 6	184 12 0	...	...	940 14 0	
(e) Other minor produce	...	453 14 6	79 5 9	81 7 0	8 3 0	16 7 0	...	...	651 5 3	
(III).—Confiscated drifts and waste wood.	...	38 15 6	112 0	3 11 3	...	...	...	...	72 6 9	
(IV).—Revenue from forests not managed by Raj—										
(a) Duty on foreign timber and other forest produce	...	51 13 0	62 2 6	11 15 6	...	22 14 3	...	...	148 13 3	
(b) Revenue from shared and private forests	...	...	...	147 10 3	...	...	...	...	147 10 3	
(c) Fines and forfeitures	...	311 0	...	...	...	...	...	...	311 0	
(d) Refunds	...	...	...	...	...	...	...	...	...
(e) Other sources	9 0 0	216 13 0	1,130 10 3	392 4 0	552 12 6	63 0 0	...	...	2,364 7 9	
Total	10,122 13 7	5,724 7 3	2,091 14 3	2,718 3 9	703 4 3	374 12 9	330 0 0	116 14 0	22,182 5 10	
Add Arboriculture	...	...	...	...	...	...	...	...	427 5 6	
Add Fuel and Fodder Reserves	...	...	...	...	...	...	...	...	444 8 6	
Bera Baori	...	...	...	...	...	...	...	...	18 4 0	
Famine and Takawi	...	...	...	...	...	...	...	...	44 0 0	
Grand total	...	...	...	...	...	...	...	...	1215 9	
Raipur	...	...	...	...	...	...	...	...	23,129 7 7	
Ghanerao	...	...	...	...	...	...	...	...	1,964 14 6	
Bar	...	...	...	...	...	...	...	...	387 15 6	
Barania	...	...	...	...	...	...	...	...	282 2 0	
Babra	...	...	...	...	...	...	...	...	2215 0	
Somel	...	...	...	...	...	...	...	...	9 3 0	
Great Grand Total	...	...	...	...	...	...	...	...	17512 0	
	...	...	...	...	...	...	...	...	25,972 5 7	

ANNUAL FORM NO. 58.—Continued.

Forest Department Marwar State. Summary of Expenditure of different ranges Marwar Forests during 1901-1902

BUDGET HEADS	Direction.	Sewari Range.	Desuri Range.	Sojat Range.	Siwana Range.	Parbatsar Range.	Pali Range.	Jodhpur Range.	Total.	Remarks
A. CONSERVANCY.										
I.—Timber and other produce removed from the Forests by Ray Agency —										
(a) Timber	115	15	77	183	41	..	109	27	112	96
(b) Firewood and charcoal	11	102	53	135	41	..	229	318	1,599	7
(c) Bamboos	..	429	364	48	..	..	..	5	788	10..
(d) Grass and other minor produce	1	325	85	76	..	..	..	..	112	153
II.—Timber and other produce removed from the Forests by purchasers or consumers.										
III.—Confiscated drift and wastewood.—										
IV.—Revenue from Forests not managed by Ray —										
(a) Duty on foreign timber and other Forest produce	..	..	..	..	..	..	..	..	..	..
(b) Revenue from shared and private Forests.	..	..	..	..	..	..	..	..	..	..
V.—Revenue from Leased Forests and payment to share holders in Forests managed by Ray.—										
VI.—Live stock, stores, tools and plants.—										
(a) Purchase of cattle	..	..	..	..	..	..	..	..	..	..
(b) Feed and keep of cattle	..	..	..	..	..	..	..	..	..	..
(c) Purchase of stores, tools and plants	..	..	..	..	..	..	..	..	..	..
VII.—Communications and Buildings —										
(a) Roads and Bridges	..	..	..	..	..	..	..	..	..	..
(b) Buildings	..	..	..	..	..	..	..	..	..	..
(c) Other works	..	..	..	..	..	..	..	..	..	..
VIII.—Demarcation improvement and extension of Forests —										
(a) Demarcation	..	165	87	30	..	..	..	..	292	23
(b) Compensation of land	..	..	..	..	19	..	..	..	..	..
(c) Surveying and working plans	91	..	..	..	..	..	..	..	..	..
(d) Sowing and planting	..	90	96	412	..	..	..	..	587	411
(e) Protection from fire	..	126	108	83	2	..	..	..	273	161
(f) Other works	..	..	..	116	102	..	..	..	151	34
IX.—Miscellaneous —										
(a) Refunds	..	..	..	..	..	..	..	..	..	..
(b) Law charges	60	31	92	71	181	..	15	..	15	10
(c) Other charges	..	..	..	..	..	..	..	..	..	..
Total A. Conservancy	271	1,112	916	1,181	575	8	354	381	5,128	38

ANNUAL FORM NO. 58.—(Continued.)

Forest Department Marwar State Summary of Expenditure of different Ranges of Marwar Forests during 1901-1902.

Budget Heads.	Direction.	Sevati range.	Desuri range.	Sojat range.	Sivana range.	Parbatsar range.	Pali range.	Jodhpur Sub-Range.	Total.	Remarks
B ESTABLISHMENT.										
<i>I — Salaries—</i>										
(a) Superior establishment	1,620 0 0								1,620 0 0	
(b) Executive establishment		720 0 0	720 0 0	595 8 0	520 0 0				2,555 8 0	
(c) Protective establishment	4113 6	1,400 12 3	1,030 10 11	790 12 0	512 7 4		13 8 0		1,356 4 0	
(d) Office establishment	1,152 15 3	185 8 6	112 0 0	112 7 0			20 0 0		1,582 11 9	
(e) Pension contribution									.....
<i>II — Travelling allowances—</i>										
(a) Superior establishment	467 14 0								467 14 0	
(b) Executive establishment		223 6 4	115 2 0	111 15 0	163 5 4				610 12 8	
(c) Protective establishment		36 3 7	55 5 0	36 6 6	5 0 0			5 2 8	199 11 0	
(d) Office establishment	109 1 9		715 0 0	215 11 0					120 0 8	
(e) Keep and feed of conveyance supplied by Raj	300 0 0	45 0 0	180 0 0	180 0 0					705 0 0	
<i>III — Contingencies—</i>										
(a) Stationary	51 14 6	101 3 0	9 5 3	8 0 3	5 1 6				90 2 6	
(b) Carriage of tents and records	2 7 0	1 0 0	19 4 0	6 7 6	15 0 0			1 3 0	5 2 0	
(c) Rent rate and taxes	139 0 6	1 0 0			4 0 0				137 4 6	
(d) Official Postage	467 9 9	161 1 6	6 6 6	29 4 6	2 2 0				597 3 3	
(e) Sundries										
Total B. Establishment	4,355 12 3	2,653 2 2	2,262 0 6	1,873 12 8	1,123 1 2	589 12 9	47 3 4	6 9 8	13,011 9 8	
" A. Conservancy									5,128 3 8	
" Arboriculture									9,544 12 0	
" Garden									3,016 3 11	
" Fuel and Fooder Reserves									674 3 7	
" Bees and Fisheries									473 3 6	
" Famine and Takavi									212 13 9	
" Miscellaneous									1,332 3 3	
Total									33,393 12 1	
" Rapur									1,893 3 6	
" Ghunerao									309 7 6	
" Bar									33 8 0	
" Barankia									61 6 3	
" Balra									60 14 0	
" Somel									60 0 0	
Grand Total									35,812 3 4	

ANNUAL FORM NO. 59:

Forest Department Maricar State. Account current for the year 1901-1902.

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ANNUAL FORM No. 60. FOREST DEPARTMENT MARWAR STATE.

Revenue received and outstandings on account of Revenue during 1901-1902.

Range.	Particulars.	Outstandings at commencement of year.		Value of sales and other revenue during year.		Total.	Amount realized during year.	Balance due to the Department at end of year.	Remarks.
Sewari	Forest conservancy	3,120	2 9	3,134	10 3	6,254	13 ...	530	5 9
Desuri	do	615	8 6	2,362	6 3	2,977	14 9	886	... 6
Sojat	do	741	11 ...	2,308	7 9	3,049	8 9	331	5 ...
Siwana	do	.....	.....	703	4 3	703	4 3	.....	.....
Parbatsar	do	.....	.....	374	12 9	374	12 9	.....	.....
Pali	do	.....	.....	330	.....	330	.....	.....	.....
Jodhpur and Direction	do	4,094	12 ...	10,581	5 4	15,576	1 4	5,336	5 9
	Total	9,471	8 2	19,704	14 7	29,208	6 10	7,084	1 ...
Raipur	...	34	2 6	1,986	11 6	2,020	14 ...	55	15 6
Ghanerao	...	.....	.....	387	15 6	387	15 6	.....	.....
Bar	...	.....	.....	282	2 ...	282	2 ...	.....	.....
Barantia	...	.....	.....	22	15 ...	22	15 ...	.....	.....
Babra	...	.....	.....	9	3 ...	9	3 ...	.....	.....
Somel	...	.....	.....	175	12 ...	175	12 ...	.....	.....
	Grand total	9,471	8 3	22,650	9 7	32,131	1 10	7,139	8 6

ANNUAL FORM NO 61.
FOREST DEPARTMENT MARWAR STATE.
Outstandings and Liabilities on account of Contractors and Disbursers for 1901-1902.

Range.	DEPARTMENT DEBTOR.			DEPARTMENT CREDITOR.			BALANCE DUE.		Remarks.
	At com- mencement of year.	Recoveries in cash and value of sup- plies & work done during the year.	At close of year.	At com- mencement of year.	Payments made during year.	At close of year.	To Depart- ment (out- standings.)	By Depart- ment (Liabi- lities.)	
Gokal Chand Forest Ranger	...	4,506 7 5	4,506 7 5	126 2 8	4,499 14 9	4,626 1 5	119 10 0	...	....
Rakheshur Forest Range	...	3,561 12 11	3,561 12 11	159 4 2	3,416 9 6	3,575 13 8	14 0 9	...	....
Chaturbhuj Forest "	...	3,264 8 4	3,264 8 4	195 9 1	3,300 0 0	3,405 9 1	141 0 9	...	....
Daulat Ram Forest "	...	1,749 14 11	1,749 14 11	0 0 1	1,750 0 0	1,750 0 1	0 1 2	...	....
Piran Dutta Forester	...	617 2 6	617 2 6	511 6	620 0 0	625 11 6	8 9 0	...	....
Hazari Mul "	...	1,332 0 11	1,332 0 11	91 13 9	1,588 15 0	1,680 12 9	348 11 10	...	....
Puran Chand "	...	12,331 10 5	12,331 10 5	144 3 2	12,256 9 9	12,400 12 11	69 2 6	...	....
Jagirdar Raipur	...	63 3 6	63 3 6	410 0 0	0 0 0	410 0 0	316 12 6	...	....
Rao Raja Gulab Singh and other	...	0 0 0	0 0 0	2,225 10 0	632 9 10	2,858 3 10	2,858 3 10	...	....
Jagirdar	...	0 0 0	0 0 0	2,225 10 0	632 9 10	2,858 3 10	2,858 3 10	...	....
Total	...	27,426 12 11	27,426 12 11	3,268 6 5	28,064 10 10	31,333 1 3	3,906 4 4	...	....

ANNUAL FORM NO. 62.
FOREST DEPARTMENT, MARWAR STATE.
Financial results of the year 1901-1902.

Division.	TIMBER AND OTHER PRO- DUCE REMOVED FROM THE FORESTS BY RAJ AGENCY.		OTHER REVENUE.		FORMATION PROTECTION AND IMPRO- VEMENT OF FORESTS.	TOTAL.		REMARKS.
	Receipts.	Charges.	Receipts.	Charges.	Charges.	Receipts.	Charges.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Sewari	135	934	5,589	2,780	382	5,724	4,096	
Desuri	36	521	2,056	2,395	293	2,092	3,200	
Sojat	238	368	2,480	2,058	632	2,718	3,058	
Sivana	...	41	703	1,592	125	703	1,758	
Parbatsar	...	...	375	598	...	375	598	
Pali	380	330	...	64	...	380	403	
Total	730	2,203	11,203	9,487	1,432	11,042	13,122	
Direction	5,330	501	4,910	4,423	94	10,240	5,018	
Total Raj Department	6,069	2,704	16,113	13,910	1,526	22,182	18,140	
Raipur	...	...	1,985	1,893	...	1,965	1,893	
Ghanerao	...	...	388	309	...	388	300	
Bar	...	...	282	33	...	282	33	
Barantia	...	...	23	61	...	23	61	
Babra	...	...	9	60	...	9	60	
Somel	...	...	176	60	...	176	00	
Grand Total	6,069	2,704	18,956	16,326	1,526	25,025	20,556	

